



Newsletter – July 2005

Dryden Research Library is located in Bldg. 4800 Room 2412. Check out our home page: <http://www.dfrc.nasa.gov/Organizations/TechPubs/Library/index.html>

For any of your library needs please contact via email or call:

Barbara Rogers, the Librarian at ext. 3702,
email: barbara.rogers@dfrc.nasa.gov

Renee Richardson, the Library Technician at ext. 3127,
email: renee.richardson@dfrc.nasa.gov

The Dryden Research Library staff are part of the ITI/SCSC Team and their Technical Monitor is:

Ron Ray, at ext.3687, email: ron.ray@dfrc.nasa.gov

NOTICE: To access the NASA Dryden Research Library Webpage, see web address below:

<http://www1.nasa.gov/centers/dryden/about/Organizations/TechPubs/Library/index.html>

Attention summer students and visiting professors: The NASA Dryden Research Library gives Library Tours and Orientation. They will be twice a month on Friday afternoons and take 30 minutes to an hour. This is available for Dryden employees or staff that would like more information on the Research Library services. A tour of the library facilities will be given, with handouts about library services. There will be demonstrations on searching several databases accessible from the Research Library website, including AIAA, Science Direct, ASAP, DTRS, etc. You can bring information on topics you would like to search. Please call Barbara Rogers at ext. 3702 to schedule and appointment.

LIBRARY INVENTORY PROCESS: The Library has sent all inventory letters out but all materials haven't been returned. We would like those of you who haven't returned all your materials to return the items. As soon as the materials are inventoried you may recheck the item out. In a few weeks we will be calling all patrons to remind them about their checked out materials. This process is very important to the library. Please return all materials as soon as possible. The library would like to finish this process. Thank you!

Reminder: PLEASE SIGN IN.

THANK YOU FOR YOUR ATTENTION IN THESE MATTERS.

New Materials received in June, 2005 at the Dryden Research Library:

Circulating Books

BF 637 .S4 T53 1989	Investment in Excellence (sound recording/video/book) By: Louis E. Tice
HD 1379 .I644 2005	The For Sale by Owner Kit By: Robert Irwin
KN 173.6 .W44 1972	Gravitation and Cosmology: Principles and Applications of the General Theory of Relativity By: Steven Weinberg
PG 2128 .G6 1972	Russian for the Mathematician By: S. H. Gould
PG 2129 .E5 C78 1987	English Grammar for Students of Russian By: Edwina J. Cruise
PG 2129.5 .E5 R776 1988 V.1	Russian: Stage One (Textbook) Volume 1 By: G. Bitekhtina
PG 2129.5 .E5 R776 1988 V.2	Russian: Stage One (Exercises) Volume 2
QA 3 .U5 No. 55 1972	Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables
QA 5 .R8 1961	Russian-English Dictionary of the Mathematical Sciences By: A. J. Lohwater

QA 55 .G6613 1965	Table of Integrals, Series, and Products By: I. S. Gradshteyn
QA 76.76 .O63 G665 1991	Advanced MS-DOS Batch File Programming – 2 nd edition By: Dan Gookin
QA 76.76 O63K64 1990	UNIX: Shell Programming – Revised Edition By: Stephen G. Kochan
QA 76.9 D26H64 1990	A Practical Guide to Data Base Design By: Rex Hogan
QA 76.9 D26M35 1989	INGRES: Tolls for Building an Information Architecture By: Carl Malamud
QA 300 .A273 1962	Calculus: Analytic Geometry and Calculus, with Vectors
QA 303 .G765 1962	Elements of the Differential and Integral Calculus – Revised edition By: William Anthony Granville
QA 312.C785 1971	Asymptotic Expansions By: E. T. Copson
QA 331 .L47 1970	Complex Variables By: Norman Levinson
QA 372 .I36 1956	Ordinary Differential Equations By: E. L. Ince
QA 374 .W423 1965	A First Course in Partial Differential Equations with Complex Variables and Transform Methods By: H. F. Weinberger
QA 913 .S35 1984	Foundations of Boundary Layer Theory for Momentum, Heat, and Mass Transfer By: Joseph A. Schetz
QA 913 .S497 V.1 c.5	The Dynamics and Thermodynamics of Compressible Fluid Flow By: Ascher H. Shapiro

QA 913 .T44 1974	A First Course in Turbulence By: H. Tennekes
QA 913 .T68 1976	The Structure of Turbulent Shear Flow - 2 nd ed. By: A. A. Townsend
QA 927 .W48 1974	Linear and Nonlinear Waves By: G. B. Whitham
QC 21.2 .L3513 V.2	A Shorter Course of Theoretical Physics By: L. D. Landau
QC 151 .R58 1963	Laminar Boundary Layers; An Account of the Development, Structure and Stability of Laminar Boundary Layers in Incompressible Fluids, together with a Description of the Associated Experimental Techniques
QC 311.W27 1966	Thermodynamics By: Kenneth Wark
QC 721 .L8 1973	Fundamentals of Elementary Particle Physics By: Michael J. Longo
QC 879.73 .C5 L36	NASA and the Environment: The Case of Ozone Depletion By: W. Henry Lambright
QD 516 .C614 1953	Selected Combustion Problems: Fundamentals and Aeronautical Applications
QD 516 .C614 1955	Selected Combustion Problems, II: Transport Phenomena; Ignition; Altitude Behaviour and Scaling of Aeroengines
TA 165 .C415 1962	Instrumentation for engineering measurement By: R. H. Cerni
TL 500 .N86 A11 1968	Fourth AGARD Annual Meeting at King's College, Cambridge. 12-13 September 1968
TL 500 .N86 A11 1971	1971 AGARD Annual Meeting [at] Nord – Torpa, Norway [on] 8 September 1971

TL 500 .N86 A11 1972	AGARD Annual Meeting Commemorating AGARD's Twentieth Anniversary
TL 500 .N86 A11 1973	1973 AGARD Annual Meeting at Athens, Greece on 13 September 1973
TL 500 .N86 A11 1974	1974 AGARD Annual Meeting, Paris, 1974. The Energy Problem: Impacts on Military Research and Development
TL 500 .N86 A11 1975	11 th AGARD Annual Meeting in Ottawa, Canada on 18 September 1975
TL 509 .M82 1971	Russko-Angliiskii Aviat
TL 537 .F76 1998	From Engineering Science to Big Science: The NACA and NASA Collier Trophy Research Project Winners
TL 551.5 .T69 1999	Toward Mach 2: The Douglas D-558 Program
TL 570 .D58 1967	Airplane Aerodynamics – 4 th ed. By Daniel O. Dommasch
TL 570 .K37 1954	Aerodynamics By: Theodore von Karman
TL 570 .K64 1961	Modern Flight Dynamics By: W. Richard Kolk
TL 570 .M45 1962	Flight Mechanics By: Angelo Miele
TL 574 .T8 B72 1971	An Introduction to Turbulence and its Measurement By: P. Bradshaw
TL 671.7 .L273 1984	Fixed Wing Stability and Control Theory and Flight Test Techniques
TL 671.7 U84 1979	USAF Test Pilot School, Flight Test Handbook. Performance: Theory and Flight Techniques, Chapters 1 through 9 [Final Report]
TL 671.7 .U85 1987	USAF Test Pilot School. Aircraft Performance. Volume 1

TL 685 .V86 1961 SUPPL.2	VTOL-STOL Aircraft
TL 789.8 .U6 A5187 1999	"Before This Decade is Out..." Personal Reflections on the Apollo Program
TL 789.8 .U6 A584 2005	Project Apollo: The Tough Decisions By: Robert C. Seamans, Jr.
TL 789.8 .U6 X55297 2003	Hypersonic: The Story of the North American X-15 By: Dennis R. Jenkins
TL 795.4 .M34 2005	Low-Cost Innovation in Spaceflight: The Near Earth Asteroid Rendezvous (NEAR) Shoemaker Mission
TL 795.5 .H47 1999	The Space Shuttle Decision: NASA's Search for a Reusable Space Vehicle By: T. A. Heppenheimer
TL 3250 .N113 1974	Annual Conference on Manual Control: Proceedings of a Meeting held at ...
TP 2112 .P8213 1988	Russian: A Practical Grammar with Exercises By: I. Pulkina
Z 6678 .S97 1968	A Bibliography of Refractory Metals

DVD's

TL 521.312 .G1 F84 2004	Fueling Space Exploration: The History of NASA's Rocket Engine Test Facility
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TECHNICAL REPORTS OFFICE

Dryden Authors Reports Published in June, 2005

1. Jones, Thomas P., Kenneth E. Rock, Karen Cabell, Mark Nugent, and Luis Miranda, "Flight Test Performance Summary of the Propulsion System Controller for the X-43A Vehicles." To be presented at the JANNAF 40th Combustion (CS), 28th Airbreathing Propulsion (APS), 22nd Propulsion Systems Hazards (PSHS), and 4th Modeling and Simulation (MSS) Joint Subcommittee Meeting, Charleston, South Carolina, June 13–17, 2005. **(U.S. Government Agencies and U.S. Government Agency Contractors Only; report classified as SECRET-ITAR)**
2. St. John, Clinton W., Thomas J. Grindle, Michael Jacob Vachon, David B. Dowdell, Randall T. Volland, Shannon P. McCall, and Craig A. Christy. "X-43A Fluid and Environmental Systems: Third Flight Results." To be presented at the JANNAF 40th Combustion (CS), 28th Airbreathing Propulsion (APS), 22nd Propulsion Systems Hazards (PSHS), and 4th Modeling and Simulation (MSS) Joint Subcommittee Meeting, Charleston, South Carolina, June 13–17, 2005. **(U.S. Government Agencies and U.S. Government Agency Contractors Only)**